Attach this checklist to the front of your Safety Plan Sections

| Service Contractor: | Contract Number: |
|---------------------|------------------|
| | |

A Guide to the SERVICE CONTRACT SAFETY PLAN CHECKLIST (01065S-A)

Note: The Service Contractor shall submit the Service Contract Safety Plan Checklist as part of the plan. The checklist allows the Service Contractor to communicate to Sandia what parts of Specification 01065S the Contractor believes is applicable and the means of addressing it by an affirmation on the checklist, SNL specific safety plan, and/or sections of the Contractor's corporate safety plan. If N/A is marked, the Contractor will refrain from doing any type of work that involves that specification area unless there are additional SNL steps and approvals.

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|--|--------------------------|-----------------|-----|--|--|
| SNL Specific Safety Plan | Corporate Safety Plan | porate Acknowle | | Standard Specification 01065S ES&H for Service Contracts | |
| Section Para. | Section Para. | Affirm | N/A | | |
| | | | | 1.05 Quality Assurance | |
| | | | | Comply with applicable environmental, safety and health laws, rules, and regulations of SNL, DOE, Federal, State, and local governments, including OSHA 29 CFR 1910. | |
| | | | r | Flow down requirements to subcontractors. | |
| | | | | Employees receive training on Specification 01065S and on the CSSP (including this checklist). | |
| | | | | 1.06 Contract-Specific Safety Plan | |
| | | > | | Contract Specific Safety Plan (CSSP) states the nature of work. | |
| | | > | | CSSP states potential hazards anticipated in this work | |
| | | > | | CSSP states how hazards will be mitigated or how workers will be protected from hazards. | |
| | | | | CSSP incorporated sub-contractors safety plans. | |
| | |) | | The CSSP needs to address any restrictions or conditions specified for a pre-existing condition or hazard introduced by SNL as noted in the contract or other documentation provided by SNL. | |
| | | · 0 | r | Carcinogens (as defined by the ACGIH) are identified in the CSSP by list or MSDS. | |
| | or |) 0 | | Task-specific hazard analysis are documented for high hazard activities, including, but not limited to: confined space, critical lifts, hot work, excavation, penetration, energized work, or activities requiring respirators. | |
| | or |) | | Methods such as safety meetings are identified to inform employees of nature of work, potential hazards, mitigation, and protection prior to commencement of work. Document workers' names, dates, activities, hazards, and controls identified. | |
| | | | | Ensure visitors comply with CSSP and PPE requirements. | |
| | | | | Preserve accident scene until SNL Incident Commander, Safety Engineer, SCO or SDR arrives. | |
| | | | | Keep an office copy of CSSP and documented training and make them available to subcontractors, SNL PMs, and SNL safety personnel. | |
| | | | | Hazards that were not identified in original CSSP will be submitted as a CSSP addendum in the form of a Task-specific Safety Plan for acceptance. | |
| | | | | 1.07 Jobsite Hazard Evaluation | |
| | | | | Contact the SNL PM or SDR for specific requirements if an unidentified hazard is encountered. | |

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| 1.08 Event Notification | | | | | | | |
| or | The CSSP identifies procedures for reporting events (emergency and non-emergency)? | | | | | | |
| 1.09 Suspension of Work | | | | | | | |
| | All Personnel have the responsibility and authority to suspend activities they observe or in which they are a participant, if they believe the activity presents an imminent danger to employees, contractors, visitors, the public, or the environment. Upon receiving suspension of work request (oral or written), immediately stop activity, and notify the SNL PM or SDR. Obtain name and phone number of person requesting suspension, and reason for suspension of work. Work shall not continue on that activity until issue has been resolved. If a formal written Stop Work Order is issued, work may be restarted only with written work release from the SNL SCR. A stop work order has the: date and time of work stopped, reason for stoppage, requirements for contractor to resume work, date and time SNL expects corrective actions to be completed if required. The SCR will provide a work release that includes: Reference Stop Work Order, Reason for work stoppage, conditions for restart of activity, specified date and time when work may resume. | | | | | | |
| 1 | I.10 Integrated Safety Management System (ISMS) | | | | | | |
| or | The CSSP incorporates the following ISMS principles to the activity. • Work Planning • Work Hazard Analysis • Work Hazard Controls • Work Performance • Feedback and Improvement | | | | | | |
| | 1.11 Work Site Identification | | | | | | |
| Or O | Provide appropriate hazard identification and barricades in accordance with OSHA and FMOC Barricading Policy to warn contractor personnel and visitors of specific work hazards. Prior to work start, ensure personnel on site know and understand SNL signage that may be present on site during performance of work. | | | | | | |
| or | Use flagging and tape barricades for temporary (less than 24 hour protection unless otherwise accepted by the SNL PM. Use orange safety fencing or snow fencing around excavations and trenching. Fencing shall be minimum 4 feet (1.2 m) high and secured vertically every 10 feet. | | | | | | |
| or | Provide signage in compliance with OSHA for work. Protect unattended sites with applicable signs and barricades at all times. | | | | | | |
| | Have the following documents ready for review at project site: Project plans, specifications, and/or work orders/releases; required permits if applicable; and MSDSs for on site chemicals or hazardous materials. | | | | | | |
| 3. | 01 Coordination of Work Impacting SNL Operations | | | | | | |
| or | Schedule work required to be performed above occupied areas for non-standard hours, unless specific and approved precautions including signage, barricades, occupant consent, and any other precaution deemed necessary by the SNL PM is provided in advance of operation. | | | | | | |
| or | Submit an Outage Request Worksheet in advance of activity requiring utility or equipment shutdowns that will impact ongoing SNL operations, observing the advance notice requirements thereon. | | | | | | |

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| | | | | | Obtain permission from the PM prior to removing any SNL administrative lock and/or tag. | |
| 3.02 Medical/Health Protection | | | | | | |
| | | | | | For life threatening injuries or illness, immediately call for medical assistance by dialing 911 on a SNL telephone or (505)844-0911 on outside or cellular phone. Notify SDR or PM immediately after taking emergency action. | |
| | | | | | Transport personnel with non life threatening injuries or illnesses that require medical attention to contractor's identified medical facility. | |
| | | | | | Accompany any employee receiving electrical shock to SNL medical facility during regular hours, no matter how minor. For non-standard work hours, seek medical attention in off site facility. Notify PM or SDR after transporting to SNL medical. | |
| | | | | | Report any accident, injury or illness to SDR or PM as soon as possible. Non-Emergency Medical Incident-: Notify SDR or SCO within 24 hours. Serious or Life-Threatening Accident or Illness: Notify SDR or SCO immediately after taking emergency action. Submit SF 2050P to SDR within 3 days. | |
| | O | | | | CSSP includes an IH Program for work-related disease or illness with actual workplace monitoring and/or research of monitoring at other workplaces using ACGIH TLVs and required PPE. (Includes chemical exposures (respiratory, noise, confined space). | |
| | | | | | Do not enter an area that contains posted radiological signs (signified by radiation symbol on yellow background with black or magenta markings) without prior SNL authorization, written instructions, Radiological Work Permit, and SNL-provided training appropriate for radiological hazard. | |
| | | | | or | SNL Radiological Protection must approve the use of any radioactive material or a radiation-generating device used in an activity or task. | |
| | \bigcirc | $r \bigcirc$ | \bigcap | or | Radiation Program contact information is provided in the CSSP. | |
| | | | | | 3.03 Waste Management and Disposal | |
| | \bigcirc | r | | or | Construction waste is solid waste and needs a determination to decide if it is hazardous waste. | |
| | | | | | Debris should be identified and transported to an authorized landfill. Recoverable metals should be separated. Personnel trash should be removed from the site and disposed by the Contractor. | |
| | | | | or | Residue Material and Equipment: Intact and dismantled equipment/material not reused should be treated as Government property and staged for evaluation by SNL SDR prior to being delivered to SNL Reapplication Yard. | |
| | | | | or | Empty Containers: Defined as < 3% of any non-acute chemical and should have an empty label. Empty containers with a capacity <5 gallons can go into regular trash, and > 5 gallons should be managed as chemical waste and disposal need to be coordinated with the SDR | |
| | | | | or | Lamps: All light bulbs shall be removed from luminaires and managed as chemical waste. Lamps shall be boxed; the boxes palletted and labeled. Lamps meeting the EPA's TCLP limits for mercury release may be managed as non-hazardous waste. Notify the SNL SDR of chemical waste accumulation. | |
| | | | | or | Lamp Ballasts: Those not clearly marked as "non-PCB" shall be removed from luminaires with the "removed from service" date and a PCB label. Luminaires installed prior to 1980 with leaking ballasts or evidence of previous leaking shall be double-bagged or wrapped, and disposed of as PCB waste. Non-leaking ballasts clearly marked "non-PCB" may be left in fixtures and managed as residue waste. | |
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| | Or | Oil Containing Equipment: Shall be drained; equipment shall be managed as residue material, and |
| | | drained oil shall be managed as chemical waste. |
| | | Chemical Waste and Hazardous Waste: Managed as regulated wastes. This includes chemical |
| | ()or() | wastes, used oil, asbestos; and PCBs. Inventory items, label all containers, contact SNL SDR that |
| | | waste is ready for pick-up. SNL personnel will pick-up waste and determine disposal. |
| | | NORM Materials: Naturally Occurring Radioactive Materials that have radioactivity above SNL free- |
| | ()or() | release limits. Waste items such as ceramic insulators, smoke detectors, thorium or uranium containing |
| | | items are radioactive waste and shall not be sent to Reapplication. |
| | | Radioactive Waste has detectable activity above SNL release limits. All radioactive waste must be |
| | ()or() | surveyed by SNL Radiological technicians. All material must be properly containerized, labeled and |
| | | disposed of by law. |
| | | Mixed Waste is both radioactive and contains hazardous materials. SNL personnel will evaluate |
| | ()or() | characterization and perform disposals. All material must be properly containerized and labeled. |
| | | Approval is required prior to generation of mixed waste. |
| | | Transportation of Hazardous Waste is not allowed by facilities contractors. Disposal must be |
| | | coordinated with the SNL SDR. |
| | | Bird Nesting Sites shall not be disturbed. Contact SNL PM for direction. |
| | | Only travel area allowed is on Paved & Graded Roads. Travel into unapproved undisturbed areas is |
| | | not allowed without prior approval. |
| | | 3.04 General Project Work Practices |
| | | Contractor penetration or excavations procedures address the following: |
| | | Drawing Review |
| ()or(| | Site Investigation |
| | / or \ | Detection using Instrumentation |
| | | Use of appropriate tools and PPE |
| | | Excavation permits shall be submitted to SNL PM no more than 14 days and no less than 6 days prior |
| | () or () | to start of excavation. (See Spec for activities requiring an excavation permit) |
| | | Penetration permits must be submitted to SNL PM no more than 14 days and no less than 6 days prior |
| | ()or() | to start of penetration into concrete slabs, floors, ceilings, roofs or walls greater than 2 inches in depth. |
| | | Fire Safety Procedures address requirements as set forth in the International Fire Code (IFC) and |
| | or | ANSI Z49.1, Sections 4.3 and E4.3. All flammable/combustible material shall be stored according to |
| | | the IFC. Maintain a 3ft clearance from all Fire Hydrants. |
| | | Notify the SNL PM or SDR if work impairs or inadvertently activates a fire control system. If the work |
| | | |
| | | impairs such a system, a Fire Protection Impairment Permit is required prior to the work commencing. There is no smoking on the Sandia site. All debris and trash shall be removed at least once per day. |
| | | |
| | | Hot Work Permit: Prior to cutting, welding, open-flame burning, or use of tar kettles and roof solvents, obtain a Hot Work Permit from SNL Fire Protection Engineering. Display the issued permits in a |
| | | |
| | or | prominent location at work site. Prior to getting the permit the following needs to be met: |
| | | If welding, brazing, or thermal cutting is performed, obtain a Welding, Cutting, and Brazing Control Permit from the Industrial Hydionist supporting EMOC construction and convice. |
| | | Control Permit from the Industrial Hygienist supporting FMOC construction and service |
| | | operations prior to obtaining a hot work permit. |
| | | Operator(s) responsible for performing the hot work and personnel responsible for performing the first work by details a grant the desired and the constant to the first work by details. |
| | | the fire watch duties annually shall view the training videos and read the accompanying |

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| | | | | | | literature provided by Fire Protection Engineering. These videos are approximately one (1) |
| | | | | | | hour in combined length. |
| | | | | | | Hot work operations shall be suspended if in an area where a fire suppression system is |
| | | | | | | impaired. |
| | | | | | | Individuals assigned to fire watch duty shall be responsible for the safety of the welder(s) in |
| | | | | | | addition to that of the property, extinguishing spot fires and communicating an alarm. |
| | | | | | | Individuals assigned fire watch duties must remain in the hot work area until hot work is |
| | | | | | | completed and for thirty (30) minutes afterwards, and shall not have any other duties (e.g., not |
| | | | | | | a runner). |
| | | | | | | The operator(s) responsible for performing the hot work and the personnel responsible for performing |
| (|)0 | r(|) | 0 | r() | the fire watch duties shall be trained in the use of portable fire extinguishers annually and shall have |
| | | | | | | demonstrated proficiency (through certification). |
| | | | | | | Fugitive Dust Control Permit: Obtain from SNL PM for surface disturbance activities affecting land area |
| | | | | | | greater than 3/4 acre, sandblasting, and other surface preparation. |
| | | | | | | Storm Water Control: For work areas greater than one (1) acre, develop and submit Pollution |
| | | | | / \ | | Prevention Plan to the SDR for review prior to service contract work activities. The Pollution |
| | | | | | / | Prevention Plan shall follow the EPA's National Pollution Discharge Elimination System (NPDES). This |
| | | | | 0 | r () | system addresses silt control and other possible storm water impacts. EPS's NPDES requires |
| | | | | \ | / | inspections at least every fourteen (14) calendar days and within 24 hours of the end of a storm event |
| | | | | | | of 0.5 inches or greater. Inspections shall continue through the duration of the project. Contractors |
| | | | | | | shall report spills and accidental releases to storm sewer system immediately to SDR. |
| | | | | 0 | $r \subset \mathcal{I}$ | Earth Fill and Borrow Areas: Contractor needs written authorization from the SNL Project Manager or |
| | | | | | | in the contract documents to utilize a designated borrow or fill area in a location other than the site. |
| | | | | | | Sanitary Sewer Discharge: Notify SDR of planned discharges to sanitary sewer system, other than |
| | | | | ()0 | r () | routine sewage, prior to discharge. SDR will review planned discharge and coordinate authorization |
| | | | | | | from the Sandia Water Quality organization. Report spills and accidental releases to sanitary sewer |
| | | | | \sim | \sim | system immediately to SDR. |
| | | | | | .() | Surface Discharge: Notify SDR of planned surface discharges, prior to discharge. SDR will review |
| | | | | \ | '() | planned discharge and coordinate authorization from Sandia Water Quality organization. Report spills |
| | | | | | | and accidental releases immediately to SDR. Contractor's Hoisting and Rigging Procedures address the following: |
| | | | | | | |
| | | | \ | | | Prior SDR Notification for mobile cranes Proof of impostion and lead tests |
| | 0 | ſ | | 0 | r | Proof of inspection and load tests |
| | | | | | | Operator training Decomposited Lift Planning |
| | | | | | | Documented Lift Planning Documented Lift Planning |
| \rightarrow | | | \leftarrow | | \sim | Critical Lift Planning |
| | | | | | | Contractor's Confined Space Entry Procedures identifies the type of confined space as well as includes |
| | \0 | r / | | | _ / | the following: |
| | | | | 0 | | Incorporation of all applicable regulatory requirements and SNL Specifications Provided OR and New Provide OR and SNL Specifications. **The Company of the Company o |
| | | | | | | Permitted CS and Non–Permit CS require continuous atmospheric monitoring |
| | | | | | | Permit required Confined Space Procedures |
| | | | | | | Non-Permit Confined Space Procedures |
| | | | | | | Commissioned Telecommunications Manholes and Vaults Requirements and Procedures |

Revised: Jul 14, 2008

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| | | | | | | Notification requirements |
| | O | | | 0 | | Contractor's Electrical Safe Work Practices includes the following: Minimum requirements include NEC, NESC, NFPA 70E, and OSHA Documented LO/TO Procedures Arc Flash Protection Shock Protection GFCI Protection for 120-volt, single phase, 15 and 20-ampere receptacle outlets which are not part of permanent wiring |
| | | | | 0 | | Electrical Outage Requests: Prior to performing work on any live parts that are not placed in an electrically-safe work condition (energized work), Contractor shall contact the PM and request an electrical outage. Exemptions to this requirement include tasks such as testing, troubleshooting, voltage measuring, etc. provided appropriate safe work practices and PPE are provided and used in accordance with NFPA 70 E. |
| | O | | | o | | Contractor's Energized Electrical Procedures include all items required by NFPA 70E as well as the following: • Written justification/notification • Barriers and Signage • Notification • Qualified Personnel and back-up |
| | | | | | | COMMENTS |
| SNL S | pecific | Safety | Plan | | | |
| | | | | | | |
| Corpo | rate Sa | afety Pl | an: | | | |
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| Acknowledgement: | | | | | | |
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